

FLEX PANEL LID OR CAP

ABSTRACT OF THE DISCLOSURE

5 There is provided a lid with a center panel, a rim portion, and a hinge portion for
sealing a container. The rim portion is designed to fit around an opening of a container
and includes an inner wall for engaging a surface of the container opening. The hinge
portion connects the rim portion to the center panel and includes flex points to allow axial
movement of the center panel and corresponding radial movement of the rim portion to
alternate the lid between an unsealing position and a sealing position. The sealing
10 position provides an improved seal between the inner wall of the rim portion of the lid
and the container. The lid may be formed by a two shot mold process in which the hinge
portion consists of a more compliant material than the center panel and rim portion. The
lid may also include a flexible barrier membrane for enhanced sealing of the container.

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